I oppose any increase in the eployment of Broadband over Power Line technology.

BPL will pollute the already congested and noisy HF spectrum, and thus will have a significant negative impact on any and all HF communications. This includes not only the Amateur Radio service, but all frequencies used by government and public service, as well as short wave broadcasting.

As the FCC is well-aware, the additive nature of signals and noise in AM modes means that the general noise floor will increase on any band where BPL is implemented. This will have negative impacts on the ability any station to receive weak signals in particular. The nature of HF is that signals are not restricted to local line-of-sight propagation, and that given certain conditions, a very weak signal can be heard hundreds or thousands of miles away. This means that cumulative BPL noise has the potential to interfere with stations far from the source of the noise.

This is particularly discriminatory to the Amatuer Radio service wordwide because many amateurs do not have high power transmitters, big antennas, or sophisticated recievers with noise cancelling circuitry, DSP, ALE, spread-spectrum, or other such features. Such weak signal operation is a significant part of Amateur Radio operations. In an emergency situation, the rise in noise floor caused by BPL operations may make the differece between not hearing a signal with possible attendant negative consequences in the saving of life and property.

As individual private citizens with stations in residential areas, Amateurs will also not have the resources to fight or mitigate the effects of BPL noise by moving location, raising antennas, or other means. Even in rural areas, BPL caried over local transmission lines will significantly change the received noise level and thus decrease the amateurs' ability to communicate.

BPL technology must be prohibited from encroaching on the frequencies allocated to Amateur Radio.